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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/673,897	01/05/2001	Bichot Guillaume	PF980020	7113

7590 01/12/2007  
Joseph S Tripoli  
Thomson Multimedia Licensing Inc  
PO Box 5312  
Princeton, NJ 08540

EXAMINER
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NGUYEN, VAN H

ART UNIT	PAPER NUMBER
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2194

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/12/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

# Office Action Summary

Application No.

09/673,897

Applicant(s)

GUILLAUME ET AL.

Examiner

VAN H. NGUYEN

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 18 October 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

1. This Office Action is in response to the amendment 10/18/2006.

Claims 1-10 are presented for examination.

### Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by **Shinotsuka** (U.S. 6,353,765).

**As to claim 9:**

Shinotsuka teaches (*see the Abstract and the discussion beginning at col.2, line 15*)

device in a communication network comprising:

means for storing local objects (*see the control modules/ service modules discussion*);

means for storing a local registry for containing a catalogue of objects local to the device (*see the nodes, service registry, and objects discussion*);

means for connecting the device to the network (*see the nodes, devices, and network discussion*);

means for propagating a request for a list of objects formulated by a local object to the local registries of other devices (*see the search request and the service registries discussion*); and

means for collecting the responses of the registries of the other devices and the response of the local registry and for transmitting the responses to the object having formulated the request (*see the request/response discussion*).

**As to claim 10:**

Shinotsuka teaches means for determining the addresses of devices of the network comprising so-called distant registries (*see node addresses and service registries discussion beginning at col.5, line 1*).

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**As to claim 1:**

The rejection of claim 1 above is incorporated herein in full. Additionally Shinotsuka teaches formulating, by a local object, a request for a list of objects, the request being transmitted to the single local registry of the device hosting the local object (*see the requests, queries, objects, control modules, and service registries discussion beginning at col.5, line 1*).

**As to claim 2:**

Shinotsuka teaches a local registry comprises for each object registered therein an identifier of this object in the network, this identifier being unique for the network, as well as attributes of the object (*see the ID, attributes, objects, control modules, and service registries discussion beginning at col.5, line 1*).

**As to claim 3:**

Shinotsuka teaches the identifier comprises an identifier of the device in which the object is present, this device identifier being unique in the network, as well as of a local identifier unique to this object at the level of the device object (*see the nodes, devices, ID, objects, control modules, and service registries discussion beginning at col.5, line 1*).

**As to claim 4:**

Shinotsuka teaches a type of request formulated by an object is a request comprising at least one selection criterion pertaining to an object attribute (*see the types, requests, queries, objects, and control modules discussion beginning at col.5, line 1*).

**As to claim 5:**

Shinotsuka teaches the function of an object is an attribute stored by a local registry in respect of the object (*see the objects, control modules, attributes, and service registries discussion beginning at col.5, line 1*).

**As to claim 6:**

Shinotsuka teaches determining the devices connected to the network which themselves comprise a registry (*see the nodes, devices, service registry, and network discussion beginning at col.5, line 1*).

**As to claim 7:**

Shinotsuka teaches the determination of the types of the devices present in the network, the type of a device indicating whether it hosts a registry or whether it does not host one (*see the nodes, devices, types, and service registry discussion beginning at col.5, line 1*).

**As to claim 8:**

Shinotsuka teaches selection criteria for at least two lists of objects, as well as at least one operator for processing the lists (*see the lists, types, attributes, objects, and control modules discussion beginning at col.5, line 1*).

**Response to Arguments**

3. Applicant's arguments filed on 10/18/2006 have been considered but are moot in view of the new ground(s) of rejection.

**Conclusion**

4. The prior art made of record, see PTO 892, and not relied upon is considered pertinent to applicant's disclosure. Applicant should review these references carefully before responding to this office action.

**Contact Information**

5. Any inquiry or a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: (571) 272-2100.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to VAN H. NGUYEN whose telephone number is (571)

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272-3765. The examiner can normally be reached on Monday-Thursday from 8:30AM 6:00PM. The examiner can also be reached on alternative Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM THOMSON can be reached at (571) 272-3718.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:  
Commissioner for patents  
P O Box 1450  
Alexandria, VA 22313-1450

A handwritten signature in black ink, appearing to read "Van H. Nguyen", with a large, sweeping flourish at the end.

Van H. Nguyen  
Patent Examiner, AU 2194